09/578,693 SB 05/20/2009

A16 cont'd

the *Bam*HI recognition site after the termination codon, and encodes the desired full-length human L-FABP.--

SB

Please replace the paragraph beginning at page 26, line 20 and ending at page 27, lines 1-~~15~~ 16 with the following replacement paragraph:

--The obtained cells were broken by ultrasonic, and the cell extract was dialyzed against 5 mM Tris-HCl buffer (pH 8.5). The resultant was separated by anion exchange column (RESOURSE Q 6 ml, manufactured by Pharmacia, Inc.), eluted with a solvent of liner gradient to 300 mM NaCl, and the fraction showing ANS-binding activity was collected. The fraction was concentrated by ultra filtration with Centriprep (manufactured by AMICON LTD.), and separated by gel filtration column (SUPERDEX™ 75pg, manufactured by Pharmacia Inc.), and the fraction showing ANS-binding activity was collected to give a human L-FABP fusion protein. To the human L-FABP fusion protein thus obtained was added Factor Xa (manufactured by New England Biolabs Inc.) in 1/100 weight, and the mixture was reacted at room temperature overnight for restriction degradation. The reaction solution after the enzyme treatment was separated again by gel filtration, and the fraction of about 14 kilodalton showing

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